

PTO/SB/08A (08-03)

Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	09/913,443
Filing Date	August 14, 2001
First Named Inventor	Jack Price
Art Unit	1636
Examiner Name	Celine X. Qian
Attorney Docket Number	GJE-74

Sheet 1 of 2

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
ce	U1	US-5,588,692	11-18-1997	Jat et al.	All
	U2	US-			
	U3	US-			
	U4	US-			
	U5	US-			
	U6	US-			
	U7	US-			
	U8	US-			
	U9	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	F1					
	F2					
	F3					
	F4					
	F5					
	F6					
	F7					

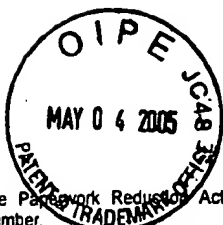
Examiner
SignatureDate
Considered

7/23/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard T.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	09/913,443
Filing Date	August 14, 2001
First Named Inventor	Jack Price
Group Art Unit	1636
Examiner Name	Celine X. Qian
Attorney Docket Number	GJE-74

Sheet 2 of 2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
ce	R1	COGLE, C.R. <i>et al.</i> "Bone marrow transdifferentiation in brain after transplantation: a retrospective study" <i>Lancet</i> , 2004, 363(9419):1432-1437, abstract.	
	R2	DAADI, M.M. and S. WEISS "Generation of tyrosine hydroxylase-producing neurons from precursors of the embryonic and adult forebrain" <i>J. Neuroscience</i> , 1999, 19(11):4484-4497.	
	R3	EGLITIS, M. and E. MEZEY "Hematopoietic cells differentiate into both microglia and macroglia in the brains of adult mice" <i>Proc. Natl. Acad. Sci. USA</i> , 1997, 94:4080-4085.	
	R4	GOOLSBY, J. <i>et al.</i> "Hematopoietic progenitors express neural genes" <i>PNAS</i> , 2003, 100(25):14926-14931.	
	R5	HAO, H.N. <i>et al.</i> "Fetal human hematopoietic stem cells can differentiate sequentially into neural stem cells and then astrocytes in vitro" <i>J. Hematother Stem Cell Res.</i> , 2003, 12(1):23-32.	
	R6	HESS, D.C. <i>et al.</i> "Bone marrow as a source of endothelial cells and NeuN-expressing cells after stroke" <i>Stroke</i> , 2002, 33:1362-1368.	
	R7	JAT, P.S. <i>et al.</i> "Direct derivation of conditionally immortal cell lines from an H-2K ^b -tsA58 transgenic mouse" <i>Proc. Natl. Acad. Sci. USA</i> , 1991, 88:5096-5100.	
	R8	JAT, P. and SHARP, P. "Cell lines established by a temperature-sensitive simian virus 40 large-T-antigen gene are growth restricted at the nonpermissive temperature" <i>Mol. Cell. Biology</i> , 1989, 9(4):1672-1681.	
	R9	KOSHIZUKA, S. <i>et al.</i> "Transplanted hematopoietic stem cells from bone marrow differentiate into neural lineage cells and promote functional recovery after spinal cord injury in mice" <i>J. Neuropath. Exp. Neurology</i> , 2004, 63(1):64-72.	
	R10	PRILLER, J. "Can adult bone marrow stem cells help repair the brain?" <i>ACNR</i> , 2004, 3(6):11-13.	
	R11	PRILLER, J. <i>et al.</i> "Targeting gene-modified hematopoietic cells to the central nervous system: use of green fluorescent protein uncovers microglial engraftment" <i>Nature Med.</i> , 2001, 7(12):1356-1361.	
	R12		
	R13		

Examiner
SignatureDate
Considered

7/23/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.